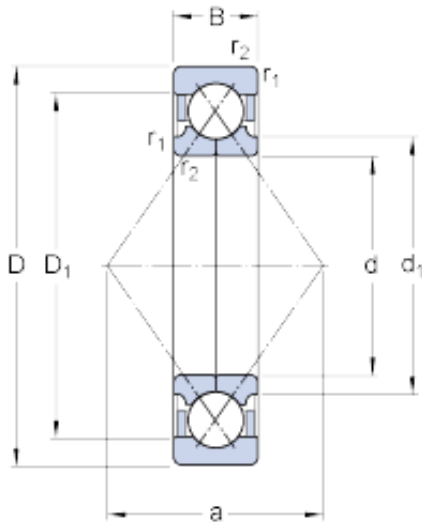




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QJ 304 MA Bearing 2D drawings and 3D CAD models

20 mm x 52 mm x 15 mm skf QJ 304 MA four-point contact ball bearings

Bearing No. QJ 304 MA

Size	52x20x15 mm
Bore Diameter	52 mm
Outer Diameter	20 mm
Width	15 mm
d	20 mm
D	52 mm
B	15 mm
d ₁	27.5 mm
D ₁	40.8 mm
a	25 mm
r _{1,2} - min.	1.1 mm
d _a - min.	27 mm
D _a - max.	45 mm
r _a - max.	1 mm
Basic dynamic load rating - C	32 kN
Basic static load rating - C ₀	21.6 kN
Fatigue load limit - P _u	0.93 kN
Reference speed	18000 r/min
Limiting speed	24000 r/min
Calculation factor - k _a	1.1
Calculation factor - e	0.95
Calculation factor - X	0.6
Calculation factor - Y ₀	0.58
Calculation factor - Y ₁	0.66



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Calculation factor - Y ₂	1.07
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.184
EAN	7316576632235
Product Group	B00308
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	35 Degree 4 Point
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	20MM Bore; 52MM Outside Diameter; 15MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Other Features	Split Inner Race
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing



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Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	QJ 304 MA
Weight / LBS	0.406
Outside Diameter	2.047 Inch 52 Millimeter
Width	0.591 Inch 15 Millimeter
Bore	0.787 Inch 20 Millimeter
inside diameter:	20 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	52 mm
cage material:	Brass
overall width:	15 mm
maximum rpm:	24000 RPM
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	15 mm
radial dynamic load capacity:	32 kN
fillet radius:	1 mm
radial static load capacity:	21.6 kN
series:	QJ
d_1	27.5 mm
D_1	40.8 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	27 mm
D_a max.	45 mm
r_a max.	1 mm
Basic dynamic load rating C	32 kN
Basic static load rating C_0	21.6 kN
Fatigue load limit P_u	0.93 kN
Calculation factor A	0.00143



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Calculation factor e	0.95
Calculation factor X	0.6
Calculation factor Y_0	0.58
Calculation factor Y_1	0.66
Calculation factor Y_2	1.07
Mass bearing	0.18 kg